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The Western Society of Malacologists

## Occasional Paper

Number 3

**Twenty-five Year Index to Publications  
of the Western Society of Malacologists:  
Author, Taxonomic, Geographic and Subject Indices**

**By**

**Hans Bertsch**



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The Western Society of Malacologists has issued two other Occasional Papers: No. 1, "'Sea Shells of Tropical West America': Additions and Corrections to 1975" by A. Myra Keen & Eugene Coan; and No. 2, "A Catalogue of Collations of Works of Malacological Importance," by George E. Radwin & Eugene Coan.

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To be published in the corresponding year's Annual Report all submissions must be in the hands of the editor one month after the end of the Annual Meeting. Send all material (for either the Annual Report or Occasional Papers) to the Editor: Dr. Hans Bertsch, National University, 4075 Camino de Rio South, San Diego, California 92108, USA

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## INTRODUCTION

During the course of 25 years, the Western Society of Malacologists has published nearly 900 abstracts and articles in its Annual Report, and 2 Occasional Papers. I have compiled this index to provide a useful and comprehensive access to this large body of malacological information. It incorporates all publications of the Society, including the Ten-Year Index (Anonymous, 1977).

All references are cited in a complete bibliographic style; where possible, every reference is cross-indexed with one taxonomic unit, a geographic location, and a subject theme. All are in alphabetical order, under larger taxa (i.e., Mollusca Classes) or regions. For instance, if you wish to know what the Western Society of Malacologists has published about mussels, begin your search with Bivalvia, and then see if there is a more precise entry (Mytilidae). Land locations are alphabetized under Terrestrial; oceanic areas are found subdivided under the respective oceanic body (again proceeding from larger to smaller). There are degrees of preciseness (Pacific, NE vs. Pacific, NE, Gulf of California) because the different abstracts and articles are more or less specific about the regions studied.

I wish to dedicate this manuscript to two Charter Members of our Society, for their significant contributions to the development of west coast malacology: to Dr. Rudolf Stohler and to the memory of Dr. A. Myra Keen.

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- Biography: Willett, George**  
Keen, 1974 c
- Biography: Wolfson, Fay**  
Anonymous, 1970

## **Biological Control**

Christensen, C.C., 1984; D'Eliscu, 1976; Kitting, 1980

## **Biomedicine**

Kuzirian, 1990

## **Chromosomes**

Babrazai, 1990; Babrazai and Miller, 1984; Babrazai, Samsam and Miller, 1976; Chapin, 1976; Davis, 1990; Diupotex, 1993; Hoeh, 1992; Jenkinson, 1984

## **Cinematography**

Anderson, R., 1989

## **Collecting Techniques**

Chaney, 1993 a; Crittenden, 1971; Farmer, 1973; Marcus, 1973; Robilliard and Bleakney, 1974; Seapy, 1990; Skoglund, 1991; Stohler, 1971; Talmadge, 1973 b

## **Coloration**

Edmunds, 1987; Prezant and Chalermwat, 1984; Roper and Hochberg, 1987

## **Commensalism**

O'Foighil, 1984; Scott and Morton, 1989

## **Common Names**

Stansbery, 1984

## **Conservation**

Bertsch, 1973 a; Coan, 1971 b; Coan, 1974 a; Coan, 1974 c; Epel, 1971; Lindberg, Estes and Warheit, 1984; Merino, 1980; Thompson, 1974

## **Defense**

Yensen, 1976

## **Development**

Bickell, 1984; Burch, B.L., and T.A. Burch, 1990 b; D'Attilio, 1982; D'Eliscu, 1973 a; Eversole, Eldridge and Grimes, 1984; Fiege, 1990 b; Fuller, Goodsell and Lutz, 1990; Garcia-Cubas, Rogers and Chavez, 1980 a; Garcia-Cubas, Rogers and Chavez, 1980 b; Gilmour, 1992; Goddard, 1985 c; Gugler, 1980; Gustafson, 1984; Hadfield, 1987; Hiyama, 1974; Kemp, 1991; Laurent, 1971; Radwin and Chamberlin, 1973; Richter, 1990; Russert-Kraemer, 1984; Shimek, 1984 b; Shipp, 1985; Shishido, 1974; Skoglund, 1977; Young, Hochberg and Harman, 1987; Zehra, 1990

## **Disease**

Farmer, 1993 a; Hoagland, Kuo, Davis, Chen, Yang and Chen, 1984; Kvittek, 1992; McLean, N., and Porter, 1982

## **Ecology**

Aguilar, Bertsch, and Pacheco, 1985; Ajeska, 1971; Allen, J. K., 1977; Ambrose, 1984; Anderson, G., 1973; Anderson, R., 1988; Bertsch, 1989; Bertsch, 1991; Bravenec and Britton, 1990; Brennan, 1974; Brewer, 1980; Bridges, 1974; Brown, 1980; Burton, 1973; Cantera, Contreras, Borrero, Buttkus and Zapata, 1980; Carlton, 1974; Clark, K.B., 1990 a; Clark, K.B., and DeFreese, 1987; Cleveland, 1992; Cowen, 1973; Dame, 1992; Farrell, 1989; Fishlyn, 1976; Gee, 1984; Haaker, 1988; Hansen, 1986; Harris, 1971 a; Harris, 1971 b; Harris, 1976; Henderson, C., 1993; Hickman, 1990; Horn, 1984; Ituarte, 1982; Johnson, Samuel, 1981; Johnson, Scott, and Bertsch, 1979; Langan, 1985; Lohse, 1992; Mastro and Chow, 1981; Meyer, K.B., 1973; Miller, W.B., 1973; Morse, M.P., 1974; Feder and Foster, 1992; Naranjo-Garcia, 1992; Nehm and Geary, 1992; Nichols, 1985; Poorman, F., and L.H. Poorman, 1983; Race, 1976; Shimek, 1990; Skoglund, 1974; Smith, C.R., and Breyer, 1982; St. Jean, 1973; St. Jean, 1977; Talmadge, 1968; Talmadge, 1971; Tankersley, 1992; Vaughan, 1983; Williams and Gosliner, 1971

## **El Niño**

Colgan, 1989; Grove, 1989

## **Electrophoresis**

Christensen, J.A., 1976; Emberton, 1984; Gresham, 1976; Hu, 1990; Katoh, 1992; Liu, 1992; Michel, 1992; Murphy, 1976

## **Endangered Species**

Coan and Roth, 1973

## **Evolution**

Allen, J. K., 1992; Coney, 1985; D'Attilio, 1983; Harte, 1992; James and Fields, 1984; Radwin and D'Attilio, 1970; Rosenberg, 1990; Roth, 1982; Runnegar, 1990; Russell, M.P., 1990; Saul, 1986; Saul, 1990; Smith, J.T., 1974

## **Evolution, Cognate Species**

D'Attilio, 1976; Millen, 1984; Shasky, 1983 b; Smith, J.T., 1981; Smith, J.T., 1990

## **Expeditions**

Bertsch, 1990; Bratcher, 1971 b; Bratcher, 1981; Bratcher and Dilworth, 1974; Burch, B.L., 1970; Burch, B.L., and C.C. Skoglund, 1970 b; Cate, J.M., 1968 a; Cipriani, Marcano and Arocha, 1990; Gosliner and Ghiselin, 1986; Kaiser, 1986; Keen, 1970; Old, 1979; Pitt, 1981; Poorman, F., and L.H. Poorman, 1974; Poorman, L.H., and F. Poorman, 1970; Roth and Person, 1970; Shasky, 1970 b; Skoglund, 1970 b; Smith, J.T., 1970; Talmadge, 1974 b; Wilkins, 1968; Wolfson, 1970

## **Extinction**

Hadfield, 1984; Morris, P.J., 1992; Solem, 1984; Vermeij and Petuch, 1984; Ward, 1984 a

## **Feeding Biology**

Fankboner, 1970; Goddard, 1985 b; Hochberg, 1971; Hopper, 1973; Hopper, 1974; Hopper, 1975; Horgan, 1976; Jensen, 1987; Lloyd, P., 1984; McLean, J.H., 1986; Nybakken, 1971; Olson, 1989; Steinberg, 1982; Thomas, 1992; Trowbridge, 1988 a; Trowbridge, 1988 b; Trowbridge, 1989 a; Trowbridge, 1989 b; Trowbridge, 1990; Trowbridge, 1992; Waters, 1971 a; Waters, 1971 b; Winkler, 1973

## **Fisheries Biology**

Coan, 1973; Henderson, K., 1988; Jamieson, 1992; Kubodera, 1984; Marelli, Arnold and Gill, 1990; Rice, Zehra and Hickox, 1990; Roper and Sweeney, 1984

## **Geographic Clines**

Frank, 1980

## **Geology**

Allison, 1970

## **Habitat**

DuShane, 1970 b; Frein, 1977; Gemmell, Myers and Hertz, 1988; Hayami and Kase, 1982; Hutchings, 1971; Jamieson and Noakes, 1992; Keen, 1977 a; Kitting, 1986; Kopp, 1976; Long, G.E., and Taylor, 1970 a; Long, G.E., and Taylor, 1970 b; McPeak, 1982; Maynard and Brennan, 1970; Montoya, 1993; Ports, 1990; Rios, 1987; Sibley, 1982; Wu and Itow, 1989

## **Habitat, Intertidal**

Morse, M.P., 1984; Morse, M.P., 1987; Poizat, 1987

## **Hydrothermal Vents**

McLean, J.H., 1989; McLean, J.H., 1990

## **Index**

Anonymous, 1977

## **Introduced Species**

Carlton, 1971 a; Carlton, 1971 b; Carlton, 1971 d; Cowie, 1992; Fox, 1970; Fox, 1971 a; Fox, 1971 b; Fox, 1973; Fox, 1974; Mead, 1971

## **Larval Morphology**

Chanley and Dinamani, 1980

## **Mariculture**

Allen, Standish K., 1988; Fitt, 1988; Forsythe, DeRusha and Hanlon, 1984; Hanlon, Folse and Kelly, 1984; Hixon, Yang, et al., 1984; Kaill, 1991; Leighton, 1988 a; Leighton, 1988 b; Leighton, 1988 c; Morse, A.N.C., 1988; Stephens and Blankenship, 1974

## **Marking Techniques**

Crane, 1974

## **Minute Shells**

Draper, 1973; Draper, 1977; Draper, 1986 a; Draper, 1986 b; Draper, 1987

## **Models**

Farmer, 1974; Long, S.J., 1973



## **Morphology**

Burghardt, 1971

## **Museum Collections**

Benamy, 1990; Burch, J.B., 1984; Fahy, 1993; Flessa and Jablonski, 1988; Gemmell, Myers and Hertz, 1982; Gosliner and Tyler, 1990; Haogland, 1990; Herzberg, 1971; Keen, 1968; Keen, 1976; Kennedy, 1984; LaFollette, 1984; Old, 1977 b; Roth, 1971; Roth, 1977; Voight, 1990

## **Mythology**

Long, G.A., 1990

## **Nematocysts**

Allen, J. K., 1976

## **Nervous System**

Wieland, 1984

## **Neurobiology**

Audesirk, G., 1984; Audesirk, T., 1984; Lukowiak, 1984

## **Paleontology**

Barnett, 1979; Groves, 1993 a; Hoover, 1992; Keen, 1973; Kennedy, 1974; Moore, 1985; Pitt and Pitt, 1989; Rodda, 1971; Smith, J.T., 1987; Smith, J.T., 1988; St. Jean, 1981; Vokes and Vokes, 1974

## **Paleontology, Behavior**

Jacobs, 1992

## **Paleontology, California, Permian**

Hanger, 1989 a

## **Paleontology, Cenozoic**

James, 1989 a; Lindberg, 1976 a; Lipps, 1992; Marincovich, 1974; Marincovich, 1991; Marincovich, 1992; Pitt and James, 1983

## **Paleontology, Chemosymbiosis**

Campbell and Bottjer, 1992

## **Paleontology, Cretaceous**

Barrick, 1992; Groves, 1990; Marincovich, 1973; Saul, 1987; Saul, 1988; Saul, 1989; Saul, 1992

## **Paleontology, Eocene**

Nesbitt, 1981; Roth, 1985; Squires, 1986; Squires, 1989; Squires and Demetrian, 1990

## **Paleontology, Esmeraldas Formation**

Rosenberg, 1984; Vokes, 1983 b

## **Paleontology, Evolution**

Kelley and Hansen, 1992

## **Paleontology, Extinction**

Kent and Vermeij, 1984

## **Paleontology, Gatun Formation**

Pitt, 1977; Pitt and Barnett, 1979

## **Paleontology, Imperial Formation**

Powell, 1985; Powell, 1988

## **Paleontology, Miocene**

Chinzei, 1974; Keen, 1982 a

## **Paleontology, Neogene**

Addicott and Snavely, 1976; James, 1987

## **Paleontology, Oligocene**

Evanoff, 1990

## **Paleontology, Ordovician**

Rohr and Blodgett, 1991; Runnegar and Pojeta, 1992

## **Paleontology, Paleocene**

Marincovich, 1985

## **Paleontology, Paleoclimate**

Addicott, 1971; Evanoff, 1992; Kennedy and Wehmiller, 1986

## **Paleontology, Phanerozoic**

Signor, 1985

**Paleontology, Pleistocene**

Batchelder and Reger, 1968; James, 1989 d; James and Pitt, 1988; Kellogg, 1976 a; Kelly, 1992; Kennedy, 1981; Kennedy, 1990; Kennedy and Schaal, 1976; Kennedy, Lajoie, Blunt and Mathieson, 1982; Kohn and Arua, 1992; Lamb, 1990; Mount, 1974 a; Ponti, 1985; Powell, 1992; Rossbach, 1992; Russell, R.H., 1971; Valentine, 1992; Zinsmeister, 1973

**Paleontology, Pliocene**

Marincovich and Powell, 1991

**Paleontology, Quaternary**

Sattler and Roth, 1991

**Paleontology, Silurian**

Blodgett and Rohr, 1991

**Paleontology, Tertiary**

Hickman, 1974; Smith, J.T., 1984

**Paleontology, Texas, Cretaceous**

Hanger, 1989 b

**Paleontology, Zoogeography**

Kennedy, 1982

**Parasites**

Ashbaugh, 1986; Brewer, 1979; Hochberg, 1985; Hochberg and Seapy, 1987; Knott and Murray, 1992; Kubota, 1974; Paulay, 1984; Waren, Burch and Burch, 1984; Wright, L., 1974

**Pelagic**

Dadon, 1990; Fabry, 1990; Hochberg, 1985; Newman, 1990; Quetin and Ross, 1990; Seapy, 1987; Seapy, 1988; Thiriot-Quievreux, 1990

**Photographic Techniques**

Burch, T.A., 1973 a; Burch, T.A., 1973 b; Clark, K.B., 1990 b; Mulliner, 1973 b; Poorman, L.H., 1973

**Phylogeny**

Bandoni, Mulvey and Loker, 1992; Bertsch, 1987 a; Bertsch and Ghiselin, 1985; Eernisse, Albert and Anderson, 1992; Emberton, 1990; Foin, 1981; Ghiselin, 1989; Harasewych, 1992; Harry, 1971 a; Harry, 1971 b; Kabat, 1992; Keen, 1979; Lamb, 1992; Leal, 1992; Lindberg, 1981; McLean, J.H., 1987; Millen, 1988; O'Foighil, 1992; Pearce, 1986; Pearce, 1987; Pearce, 1990; Roth, 1990; Schneider, 1992; Stuber, 1992 a; Vokes, 1971; Willan, 1987

**Physiology**

Barnhart, 1988; Hanley, 1984; Martin and Deyrup-Olsen, 1984; Reid, 1984; Reynolds, 1990; Siebold, 1974; Tarr, 1976; Trdan, Cordoba and Hoen, 1990; Turner, 1976; Ward, 1984 b; Yipp and Carefoot, 1985

**Pollution**

Carlton, 1971 e; Reish, Martin and Piltz, 1974

**Predation**

Anderson, L., 1992; Anderson, R., 1986 b; Bairrington, 1990 a; Bairrington, 1993; Brand, 1982; Buckley, 1984; Burch, B.L., and T.A. Burch, 1986; Carlton, 1976 c; Chester, 1992; Cooper, 1979; Del Prete, 1990; Fukuyama, 1984; Fukuyama, 1991; Goddard, 1985 a; Gruber and Carriker, 1990; Harris, 1987; Harvell, 1984; Hunt, 1976; Kitting, 1974; Kitting, 1976; Kitting, 1989; Lloyd, M.C., 1973; Millen, 1985; Miller, A.C., 1973; Mulliner, 1991; Myers, D.J., 1985; Phillips, 1976; Robilliard, 1970; Smith, C.R., 1977; Sorenson, 1984

**Publication Techniques**

Keen, 1977 b; Long, S.J., 1974; Long, S.J., 1982; Mead, 1970 b; Russell, H.D., 1971; Stohler, 1968; Sutton, 1976

**Radulae**

Bairrington, 1990 b; Bertsch, 1974; Bradner, 1982 b; Bradner, 1982 c; Bradner, 1983; Bradner, 1988 a; Bradner, 1988 b; D'Attilio and Bertsch, 1981; Draper, 1979; Hickman, 1981; James, 1979; Lindberg, 1987; Lindberg, 1990; Morris, T.E., and Hickman, 1981; Nybakken, 1970; Padilla, 1989; Padilla, 1992; Roth, 1973; Schremp, 1983; Schremp and Richmond, 1983; Unabia, 1992

## **Recipe**

Talmadge, 1974 a

## **Reproductive Biology**

Barksdale, 1981; Beeman, 1973; Bertsch, 1986; Chanley and Chanley, 1980; Eernisse, 1983; Eyster and Eckelbarger, 1980; Foltz, Katoh and Liu, 1992; Forsythe, 1984; Fowler, 1976; Gemmell, 1973; Hebert, 1985; Hebert, 1986; Houbrick, 1980; Houston, 1990; Kabat, 1984; Kennedy, 1986; Lindberg, 1984 b; Lindberg and Dobberteen, 1981; Lindberg and Pearse, 1980; Marcos, 1990; Morton, 1992; Mulliner, 1973 a; Quetin and Ross, 1990; Reeder, 1984; Reeder, Rogers, Cox and Shannon, 1979; Rokop, 1973; Russell, M.P., 1989; Russell, M.P., and Huelsenbeck, 1989; Summers, 1980; Talmadge, 1973 a; Todd, 1987

## **Scientific Pronunciation**

Cate, J.M., 1986

## **Shell Formation**

Carriker, 1992; Coney, 1990; Draper, 1985; Draper, 1988; Fabry, 1990; Hargreave, 1992; James, 1984; Meyer, C.P., 1992; Schmidt, 1988; Skoglund, 1976; Toll, 1990

## **Shell Structure**

Carter, 1992; Coney, 1987; Coney, 1988; Coney and Stewart, 1990; D'Attilio, 1974 a; D'Attilio, 1974 b; Eernisse, 1987; Hamilton, 1971; Kennedy, 1987; McLean, J.H., 1984; Scott, 1986

## **Sinistrality**

LaRochelle, 1986

## **Statoliths**

Fitch, 1977; Hixon and Villoch, 1984; Morris, C.C., and Aldrich, 1984

## **Symbiosis**

D'Eliscu, 1974; Dimock and Edwards, 1992; Egloff, 1970

## **Symbiosis, Chloroplast**

Greene, 1971; Greene, 1974

## **Systematics**

Coan, 1968 a; Covert, 1990; Deisler, 1984; Draper, 1993; Petit, 1983; Quinn, 1984; Quinn, 1990; Radwin, 1971; Radwin, 1974 a; Radwin, 1974 b; Radwin, 1976; Radwin, 1977; Radwin and D'Attilio, 1971; Reeder, 1990; Robertson, 1970; Rosenberg, 1992; Sarver, 1992; Saul, 1991; Scheltema, 1992 a; Scheltema, 1992 b; Schileyko, 1990; Scott, 1984; Scott, 1987; Seed, 1992; Shasky, 1989 c; Shasky, 1993 b; Solem, 1970; Talmadge, 1976; Toll, 1984

## **Taphonomy**

Allmon, 1992; Crossland and Hickman, 1992; Dubar, 1990; Flessa and Fursich, 1988; Geary and Bemis, 1992; Hickman, 1992; Long, D.J., 1992; Russell, M.P., 1992; Walker, S.E., 1989

## **Taxonomy**

Behrens, 1979; Bublitz, 1984; Carlton, 1976 b; Cate, C.N., 1968; Cate, J.M., 1968 b; Chaney, 1986; Christensen, C.C., and Miller, 1976; Coan, 1971 a; Coan, 1974 b; Coan, 1976; Coan, 1977; Coan, 1979 a; Coan, 1982; Coan, 1985; Coan, 1988; Coan and Scott, 1992; Coney, 1993; Coney and Taylor, 1986; D'Attilio, 1973; DuShane, 1983; Farmer, 1993 a; Gardner, 1989; Hershler, 1990; Hershler and Thompson, 1992; Hertz, Myers and Gemmell, 1983; Houbrick, 1984; Keen, 1971 b; Keen, 1974 a; Keen, 1981 a; Keen, 1982 b; Keen, 1983 a; Kenk, 1974; Kenk, 1979; Kenk, 1981; Kennedy, 1985; LaFollette, 1974; LaFollette, 1977; LaFollette, 1979; Lindberg, 1977 a; Lindberg, 1984 a; Long, G.E., 1971; Marelli, 1981; Matsukuma, 1992; McLean, J.H., 1970; McLean, J.H., 1981; McLean, J.H., 1985; Mikkelsen and Bieler, 1992; Millen, 1982; Mulliner, 1983; Myers, B.W., Hertz and Gemmell, 1989; Neck and Metcalf, 1984; Old, 1977 a; Pace, 1973; Poutiers, 1992; Scott, 1993; Starobogatov, 1992; Stuber, 1992 b

## **Taxonomy, Theory**

Ghiselin, 1974; Ghiselin, 1993; Kohn, 1984; Maxwell, 1992

## **Thoughts**

Roth, 1979; Solem, 1990; Vokes and Vokes, 1971; Wise, 1992

## **Toxicology**

D'Eliscu, 1977

**University of Arizona Marine Study Program**

Mead, 1970 a

**Upwelling**

Mulliner, 1988

**Western Society of Malacologists, History**

Carlton, 1977; Cate, J.M., 1983; Coan, 1975; Kenk, 1984; Lillico, 1984

**Zoogeography**

Allen, J. K., 1981; Anderson, R., 1992 a; Arter, 1989; Behrens, 1985; Bernard, 1989; Bertsch, 1973 b; Bertsch, 1985; Bertsch and Gosliner, 1990; Bertsch and Johnson, 1982; Bertsch and Johnson, 1980; Bieler, Merrill and Boss, 1987; Bradner, 1982 a; Bratcher, 1971 a; Bratcher, 1977; Bratcher, 1986; Buchanan, 1984; Bullock and Franz, 1992; Burch, B.L., and C.C. Skoglund, 1970 a; Burch, B.L., and T.A. Burch, 1990 a; Cantera, Contreras, Rubio, Zapata, Borrero and Buttkus, 1979; Carey and Scott, 1981; Carlson and Hoff, 1976; Cipriani, 1990; Coan, 1968 b; Coan, 1983; Coan, 1984; Coan, 1989; Cosel, 1992; Eernisse, 1992; Farmer, 1985; Foster, Feder, Jewett and Baxter, 1993; Franz, 1971; Gordon, 1984; Gosliner, 1984; Gosliner, 1987; Gosliner, 1990; Gosliner, 1992; Gosliner, Ghiselin and Bertsch, 1985; Hoffman, J.E., 1987; Hoffman, J.E., 1990; James, 1982; Kay, 1992 b; Kellogg, 1976 b; Lindberg, 1976 b; Lindberg, 1992; Lindberg and Carlton, 1979; Millen, 1991; Millen, 1993; Miller, W.B., and Naranjo-Garcia, 1990; Naranjo-Garcia, 1985; Naranjo-Garcia, 1990; Neck, 1990; Old, 1970; Pearce and Naranjo-Garcia, 1992; Poorman, L.H., 1982; Pratt, 1976; Pratt, 1977; Pratt, 1979 a; Pratt, 1979 b; Pratt and Ports, 1990; Roth, 1974; Roth, 1992; Schroeder, 1991; Scott, 1982; Scott, 1983; Scott, 1991; Shasky, 1983 a; Shasky, 1984 a; Shasky, 1985; Shasky, 1986; Shasky, 1989 a; Shimek, 1991; Slack-Smith, 1992; Solem, 1979; Stansbery and Hoggarth, 1984; Talmadge, 1974 c; Thoms, 1992; Vermeij, 1992; Voight, 1992

**Zoogeography, Dispersal**

Roth, 1981; Zinsmeister, 1974





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